

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

Coltec Industries, Inc.
Quincy Compressor Division
Attn: Kelly Schulp
3501 Wismann Lane
Post Office Box C2
Quincy, Illinois 62305-3116

Application No.: 97010078
Applicant's Designation: QCYCOMP-1
Subject: Paint Booths
Date Issued:
Location: 3501 Wismann Lane, Quincy

I.D. No.: 001806AAU
Date Received: January 12, 2005
Expiration Date:

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of two (2) paint booths and 3 dry filters, one (1) Ortman spray booth with dry filters, one (1) burn-off oven and one (1) powder coating line pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., VOM to less than 100 tons per year, individual HAP to less than 10 tons per year and combined HAP to less than 25 tons per year). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
2. Total emissions of volatile organic material from the above-referenced plant, including both coating lines and all other emission units, shall not exceed 25 tons per year in the absence of air pollution control equipment. This condition is required to meet the exemption limit specified in 35 Ill. Adm. Code 215.206(a).
3. Emissions and operation of equipment shall not exceed the following limits:

<u>Item of Equipment</u>	<u>Usage Rate</u> (Gal/Mo)	<u>Maximum VOM</u>		
		<u>Content</u> (Lb/Gal)	<u>VOM Emissions</u>	
			<u>(LB/Mo)</u>	<u>(Tons/Yr)</u>
2 Waterbase Paint Booths	875	1.60	1,400	8.40
Ortman Spray Booth	235	5.80	1,366	8.20

These limits are based on maximum usages and VOM contents as indicated in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

4. Emissions and operation of cleanup operations shall not exceed the following limits:

<u>Material</u>	<u>Usage Rate (Lb/Month)</u>	<u>VOM Emissions (Lb/Month)</u>	<u>(Tons/Year)</u>
Cleanup Solvents	817*	817*	4.90

* The monthly limits shall be based on a 12 month running average.

These limits are based on maximum solvent usage as indicated in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

5. This permit is issued based on negligible emissions of particulate matter from the three paint booths, one powder coating line and one burn-off oven. For this purpose emissions from each emission unit shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 tons/year.
6. This permit is issued based on negligible emissions of volatile organic material from the one burn-off oven and one powder coating line. For this purpose emissions from each emission unit shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 tons/year.
- 7a. Material insulated with polyvinyl chloride or asbestos, or scrap containing the fuming metals tin, zinc, or lead shall not be charged to the burn-off oven.
- b. The afterburner for the burn-off oven shall be heated to an operating temperature of 1,400°F before charging and this temperature shall be maintained during operation.
- c. The burn-off oven shall be equipped with an afterburner combustion chamber temperature indicator.
8. The Permittee shall maintain records of the following items, and such other items as may be appropriate to allow the Illinois EPA to review compliance with the limits in this permit:
 - a. Material usages of each coating (gallon/month).
 - b. Material usages of paint cleanup solvents (lb/month).
 - c. VOM and HAP content of each coating (lb/gallon).
 - d. VOM emissions (lb/month and tons/year).
 - e. HAP emissions (lb/month and tons/year).
9. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year

of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.

10. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
11. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
12. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
5415 North University
Peoria, Illinois 61614

If you have any questions on this, please call George Kennedy at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:GMK:psj

cc: Illinois EPA, FOS Region 2
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from paint booths operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are below the levels (i.e., VOM to less than 100 tons per year, individual HAP to less than 10 tons per year, and combined HAP to less than 25 tons per year), at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled and control measures are more effective than required in this permit.

1. Emissions and operation of equipment shall not exceed the following limits:

<u>Equipment/Process</u>	<u>PM</u>	<u>EMISSIONS (Tons/Year)</u>		
		<u>VOM</u>	<u>Single HAP</u>	<u>Combined HAP</u>
2 Waterbase Paint Booths	0.44	8.4		
Ortman Spray Booth	*	8.2		
Cleanup Solvent		4.9		
Burn-Off Oven		0.44		
Powder Coating Line	*	**		
Total	0.44	21.94	< 10	< 25

* included in PM for 2 waterbase paint booths

** Included in VOM for burn-off oven

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